

74986-5

2/4/2013

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

February 4, 2013

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Mr. Jeff Thomas, CEO
Selective Micro Technologies, LLC
4449 Easton Way, Second Floor
Columbus, OH 43219

Subject: Notification Of Alternate Brand Name Per PR Notice 98-10
Product Name: **Selectroicide® 5G**
EPA Registration Number: **74986-5**
Application Date: January 21, 2013
Application Receipt: January 23, 2013

Dear Mr. Thomas:

This acknowledges receipt of the Notification application above, submitted pursuant to the provisions of FIFRA 3 (c) 9 and PR Notice 98-10.

Proposed Notification:

Selective Micro Technologies, LLC is submitting the following Alternate Brand Name for **EPA Reg. No. 74986-5:**

BioCure 500

General Comments:

Based on a review of the material submitted, the following comments apply.

The Notification application is **Acceptable**. A copy of the **accepted** Notification is attached in your Regulatory File Jacket (**EPA Reg. No. 74986-5**) for future reference.

If you have questions or comments with regard to this agency letter, please contact Killian Swift via email at Swift.Killian@epa.gov or by telephone at **703-308-6346**. When you are submitting information or data in response to this agency letter, please send a copy of this agency letter with your response in order to facilitate processing.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Monisha Harris".

Monisha Harris,
EPA Product Manager 32
Regulatory Management Branch II
Antimicrobials Division (7510P)

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Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060

Print Form



United States
Environmental Protection Agency
Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 74986-5	2. EPA Product Manager Ms. Monisha Harris	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) BioCure 500 (Selectroicide 5G, 74986-5)	PM# 32	
5. Name and Address of Applicant (Include ZIP Code) Selective Micro Technologies 4449 Easton Way - 2nd FL Columbus, OH 43219 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. N/A Product Name	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated
<input type="checkbox"/> Resubmission in response to Agency letter dated	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Adding and Alternative Brand Name (ABN). In accordance with the OPP's Label Review Manual, Selective Micro Technologies would like to add an ABN to reg. no 74986-5, Selectroicide 5G. The ABN is BioCure 500. This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46. No changes have been made to the CSF.

Section - III-

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	* Certification must be submitted.		<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify)
If "Yes" Unit Packaging wgt. No. per container		If "Yes" Package wgt. No. per container			
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled				<input type="checkbox"/> Other	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Jeff Thomas	Title CEO	Telephone No. (Include Area Code) 614-934-1339
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		8. Date Application Received (Stamped)
2. Signature 	3. Title CEO	
4. Typed Name Jeff Thomas	5. Date Aug 30, 2012 Jan 21, 2013	



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1/21/13

Via Certified Mail

Document Processing Desk (DCI/PRD)
Office of Pesticide Programs
US Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 S. Crystal Drive
Arlington, Virginia 22202

To: **Monisha Harris**
Team Leader 32
Regulatory Management Branch

Re: **Registrant: Selective Micro Technologies, LLC ("SMT")**
Product: Selectrocide® 5G (EPA Reg. 74986-5)
Notification – Addition of an Alternate Brand Name per PR Notice 98-10

Dear Ms. Harris:

On behalf of Selective Micro Technologies, LLC ("SMT"), we are notifying EPA that Selectrocide® 5G will be marketed under the Alternate Brand Name (ABN) of **BioCure 500**. Enclosed is the required paperwork to support this ABN. The ABN, BioCure 500, is simply a reduced subset of the master label, 74986-5, on file with EPA.

This notification is consistent with provisions of PR Notice 98-10 and EPA regulations at 40 C.F.R. § 152.46, and no other changes have been made to the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. § 1001 to willingly make any false statement to the EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 C.F.R. § 152.46, this product may be in violation of FIFRA, and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Please contact me at the above number should you have any questions regarding this notification.

Sincerely,

Mr. Jeff Thomas, Selective Micro Technologies, LLC
President and CEO

A handwritten signature in black ink that reads "Jeff Thomas".

CC: Mr. Kevin Dearwester, Selective Micro Technologies, LLC

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TO OPEN CUT ON DOTTED LINE

BioCure 500

DISINFECTANT/SANITIZER/TUBERCULOCIDE/VIRUCIDE*
FUNGICIDE/ALGAECIDE/SLIMICIDE/DEODORIZER

When used as directed, this chlorine dioxide-generating product is proven effective as: a **disinfectant** against *Pseudomonas aeruginosa*, *Staphylococcus aureus*, *Salmonella enterica*, methicillin-resistant *S. aureus* (MRSA), vancomycin-resistant *Enterococcus faecalis*, *Mycobacterium bovis* (TB), *Trichophyton mentagrophytes* (athlete's foot), *Listeria monocytogenes*, and *Candida albicans*; a **sanitizer** against *E. coli* (and *E. coli* O157:H7), *S. aureus*, *Salmonella typhimurium* (MDRS), *Klebsiella pneumonia*, and *Listeria monocytogenes*; a **fungicide** against *Penicillium digitatum*, *Botrytis Sp.*, and *Fusarium solani*; and an **algaecide** (*Phormidium beneri*).

***Viruses:** Corona virus, Feline Calicivirus, Hepatitis A-virus, Human Immunodeficiency virus type 1 (HIV-1), Poliovirus-1, Rotavirus, Influenza-A virus, Rhinovirus type 37, Canine Parvovirus, Adenovirus type 5, Herpes Simplex virus type 2, Vaccinia virus, and Norovirus (feline calici used as testing surrogate); *Kills Pandemic 2009 H1N1 Influenza A virus (formerly called swine flu).

See Technical Bulletin (page 4) for ATCC designation numbers of the above-listed organisms.

KEEP OUT OF REACH OF CHILDREN

NOTIFICATION

DANGER

Date Reviewed: _____
Reviewed By: _____

08-04-13

Killian B. Swift

(See back panel for other cautions)

Active Ingredient:
Sodium Chlorite.....30.5%
Other Ingredients.....69.5%
Total.....100.0%

Amount of Chlorine Dioxide generated = 0.05% in 10 liters of water

FIRST AID

If in Eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If on Skin or Clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

If Swallowed: Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

If Inhaled: Remove victim to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for treatment advice. Get medical attention.

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

EPA Registration No. 74986-5

EPA Establishment No. 071441-OH-004

Manufactured for:

Mold Remedies, Inc. P.O. Box 4334, Burlingame, CA 94011 www.biocure500.com

Net Weight of contents.....2.52 ounces (71.30 grams)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS

DANGER: DRY INGREDIENTS: CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE AND CAUSES SKIN BURNS. HARMFUL IF SWALLOWED. WEAR PROTECTIVE EYEWEAR (GOGGLES, FACE SHIELD OR SAFETY GLASSES) WHEN HANDLING DRY INGREDIENTS. WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING AND BEFORE EATING, DRINKING OR USING TOBACCO. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE.

ACTIVATED SOLUTION: CAUSES MODERATE EYE IRRITATION. AVOID CONTACT WITH EYES, SKIN, OR CLOTHING. AVOID BREATHING VAPORS. WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING AND BEFORE EATING, DRINKING, CHEWING GUM OR USING TOBACCO.

PHYSICAL OR CHEMICAL HAZARDS

DRY SODIUM CHLORITE IS INCOMPATIBLE WITH ACIDS, REDUCING AGENTS, COMBUSTIBLE MATERIALS, SULFUR-CONTAINING RUBBER, SOLVENTS AND PAINTS. KEEP ACTIVATED SOLUTION FROM LIGHT AND HEAT. CHLORINE DIOXIDE GAS MAY CONCENTRATE IN OPEN SPACE OF CONTAINER IN WHICH 5G ENVELOPE IS ACTIVATED. ALWAYS DILUTE ACTIVATED PRODUCT IN WELL-VENTILATED AREA. DO NOT REMOVE 5G FROM CONTAINER OF WATER PRIOR TO COMPLETE GENERATION—10 HOURS AFTER IMMERSION IN WATER.

NOTE: For use in the institutional or commercial applications discussed below and in the accompanying Technical Bulletin. Not for use in households or where young children may be present.

DIRECTIONS FOR USE: IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH THE LABELING.

1. Open the package, ensuring the 5G envelope inside is not cut. Discard desiccant.
2. To achieve an aqueous solution of 500 ppm chlorine dioxide, immerse (submerge) the 5G envelope in container with 10 liters of water. [To achieve an aqueous solution of 100 ppm chlorine dioxide directly, immerse (submerge) the 5G envelope in container with 50 liters of water.] Close/seal container tightly. Container interior should be dark and resistant to oxidation. See Technical Bulletin for recommendations regarding amount of water, contact times and dilutions for specific applications, and recommended container specifications.
3. **WAIT AT LEAST 10 HOURS BEFORE USE TO ENSURE SOLUTION REACHES FULL STRENGTH.** DO NOT REMOVE 5G FROM CONTAINER OF WATER PRIOR TO 10 HOURS.
4. Remove 5G from container and mix gently before use. Work in well-ventilated area and avoid inhaling fumes. Wear protective gloves if hands will come into contact with activated solution during dilution or application; wear NIOSH/MHSA-approved respirator for chlorine dioxide if working with stock (500 ppm) solution in open container. Remove envelope from container within 48 hours after activation. Do not reuse the 5G. Discard envelope according to instructions below. Before use, verify concentration with *Selective Micro® Chlorine Dioxide Test Strips* to ensure appropriate concentration (see Technical Bulletin for directions if *Test Strips* indicate lower-than-desired concentration).
5. Activate prior to expiration date stamped on package. Store unused solution (and/or subsequent dilutions) in a dark, oxidation-resistant closed or sealed container. Record activation date and concentration on stick-on label shipped with the product, and affix to storage container. Store activated solution in cool place out of direct sunlight (do not store in refrigerator dedicated to food storage). Use solution and/or subsequent dilutions within 15 days of activation.

STORAGE AND DISPOSAL

DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE AND DISPOSAL. STORE IN COOL, DRY, VENTILATED AREA. STORE BELOW 50° C (122° F). KEEP PRODUCT OUT OF DIRECT SUNLIGHT. STORE SEPARATELY FROM WATER AND ACIDS. IF PACKAGE RUPTURES AND CONTENTS SPILL, DO NOT PERMIT CONTACT OF CONTENTS WITH ORGANIC MATERIALS (FOR EXAMPLE: CLOTHING OR COMBUSTIBLE MATERIALS) OR ACIDS. PESTICIDE WASTES ARE TOXIC. IMPROPER DISPOSAL OF EXCESS DRY PESTICIDE IS A VIOLATION OF FEDERAL LAW. IF THIS PRODUCT CANNOT BE USED ACCORDING TO LABEL INSTRUCTIONS, CONTACT YOUR STATE PESTICIDE OR ENVIRONMENTAL CONTROL AGENCY, OR THE HAZARDOUS WASTE REPRESENTATIVE AT THE NEAREST EPA REGIONAL OFFICE FOR GUIDANCE. NONREFILLABLE CONTAINER. DO NOT REUSE OR REFILL THIS CONTAINER. OFFER FOR RECYCLING, IF AVAILABLE, OR DISPOSE OF SPENT ENVELOPE IN A SANITARY LANDFILL OR BY INCINERATION, OR IF ALLOWED BY STATE AND LOCAL AUTHORITIES, BY BURNING. IF BURNED, STAY OUT OF SMOKE.

WARRANTY STATEMENT: The Company warrants the product to be free from defects in material and workmanship. THE COMPANY MAKES NO WARRANTY THAT THE GOODS SHALL BE MERCHANTABILITY. THE COMPANY MAKES NO WARRANTY, EXPRESSED OR IMPLIED, EXCEPT SUCH AS IS EXPRESSLY SET FORTH HEREIN. The Company shall not be liable for any incidental or consequential damages for any breach of warranty. The Company's liability for any breach of warranty shall be limited to the purchase price of the product.

When used as directed, on hard, non-porous surfaces (e.g., stainless steel, brass, glass, vinyl, PVC, polypropylene), this product is an effective sanitizer, disinfectant, tuberculocide, virucide*, fungicide, algacide, general-purpose antimicrobial and cleaner for use in a wide range of applications. Wear a NIOSH/MHSA-approved respirator appropriate for chlorine dioxide when using a high-pressurized sprayer and under other circumstances detailed in the Technical Bulletin.

USE THE FOLLOWING GENERAL DILUTIONS AND TABLE

General Dilution Instructions: All dilutions begin with a stock solution at a nominal concentration of 500 ppm, except when the product is activated directly to the application concentration (see technical bulletin). Except where otherwise directed, or for other use concentrations (see technical bulletin), use the following dilution instructions to achieve the use concentration indicated:

To Achieve Use Concentration of:	Use Dilution Device or Sprayer With a Dilution Ratio of:
100 ppm	1:5 (one part 500 ppm solution to 4 parts water)
50 ppm	1:10 (one part 500 ppm solution to 9 parts water)
20 ppm	1:25 (one part 500 ppm solution to 24 parts water)
5 ppm	1:100 (one part 500 ppm solution to 99 parts water)
0.25 ppm	1:2,000 (one part 500 ppm solution to 1,999 parts water)

DISINFECTANT OR VIRUCIDE* FOR HARD, NON-POROUS SURFACES: Product may be used at 100 ppm with an exposure time of 10 minutes to disinfect hard surfaces in medical facilities or veterinary clinics that may be contaminated with *Staphylococcus aureus*, *Salmonella enterica*, *Pseudomonas aeruginosa*, methicillin-resistant *S. aureus* (MRSA), vancomycin-resistant *Enterococcus faecalis*, *Mycobacterium bovis* (TB), *Trichophyton mentagrophytes* (athlete's foot), *Listeria monocytogenes*, and *Candida albicans*; and the following "viruses: Corona Virus, Feline Calicivirus, Hepatitis A virus, Human Immunodeficiency virus type 1 (HIV-1), Poliovirus-1, Rotavirus, Influenza-A virus, Rhinovirus type 37, Canine Parvovirus, Adenovirus type 5, Herpes Simplex virus type 2, Vaccinia virus, Norovirus, and pandemic 2009 H1N1 Influenza A virus. This product may be used as a disinfectant or virucide on general environmental surfaces. Dilute to 100 ppm as table above specifies. See Technical Bulletin for detailed directions and other dilution and application specifics.

GENERAL DISINFECTANT, SANITIZER, ALGACIDE AND FUNGICIDE: For applications, this product may be used to disinfect (100 ppm/10 minutes or 50 ppm/20 minutes) and sanitize (20 ppm/5 minutes) hard, non-porous surfaces; to treat, control, and prevent fungi (5 ppm/1hour) (*Penicillium digitatum*, *Botrytis Sp.*, *Fusarium solani & oxysporum f. sp. Basilicum* (Fob), and *Pythium irregulare & aphanidermatum*), bacteria (*Erwinia chrysanthemi*), algae (*Phormidium boreri*), attendant slimes, rusts, leaf spot and mildews. See Technical Bulletin for detailed directions and other dilution and application specifics.